CLIENT : BRUHATH BENGALURU MAHANAGARA PALIKE

Executive Engineer

Bytarayanapura Division

Bengaluru

NAME OF WORK: PACKAGE NO-6 (CONSIST OF 14 WORKS)

10th & Part Bill
Measurement Book

Job Number :- 009-23-000003

Agency :- M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Estimate Cost :- 1500.00 lakhs

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO	2
Item Name	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Data Rate)

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			16-Nov-2022						
11)Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No.09 (Vidyaranyapura).									
	BS Slab Removing								
	Road								
	R/S	1	10.40			0.90		9.36	
		1	10.00			0.90		9.00	
		1	13.00			0.90		11.70	
		1	12.20			0.90		10.98	
		1	10.80			0.90		9.72	
		1	9.30			0.90		8.37	
		1	5.80			0.90		5.22	
	L/S	1	6.80			0.90		6.12	
		1	7.90			0.90		7.11	
		1	8.00			0.90		7.20	
		1	12.60			0.90		11.34	
		1	10.50			0.90		9.45	
		1	9.80			0.90		8.82	
		1	12.50			0.90		11.25	
	1st Cross								
		1	10.60			0.90		9.54	
		1	10.00			0.90		9.00	
		1	12.60			0.90		11.34	
		1	10.80			0.90		9.72	
		1	9.00			0.90		8.10	
		1	10.20			0.90		9.18	
Executed Quantity								**182.52**	**Sqm**
Quantity carried to summary of 10th RA bill								**182.52**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Exceecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23 000003

10th & Part Bill

Item NO 4

Item Name: Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			21-Nov-2022		1-Dec-2022				
11)Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No.09 (Vidyaranyapura).									
	Virupakshapura								
	Earth Work For RCC Drain								
	K. Veeranna Layout 1st 'D' Cross								
E/S			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	11.20	1.10	1.10	1.10	1.00	12.32
W/S									
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	5.50	1.10	1.10	1.10	1.00	6.05
	K. Veeranna Layout 1st 'C' Cross								
E/S			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	10.00	1.10	1.10	1.10	1.00	11.00
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	6.70	1.10	1.10	1.10	1.00	7.37
W/S									
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	15.00	1.10	1.10	1.10	1.00	16.50
			1	10.00	1.10	1.10	1.10	1.00	11.00
	K. Veeranna Layout Main Road								
N/S			1	15.00	1.10	1.10	1.10	1.00	16.50

328.24

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AE-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	3.00	1.10	1.10	1.10	1.00	3.30	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	12.70	1.10	1.10	1.10	1.00	13.97	
S/S										
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	3.00	1.10	1.10	1.10	1.00	3.30	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	12.70	1.10	1.10	1.10	1.00	13.97	
BK Layout Cross Road										
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	2.00	1.10	1.10	1.10	1.00	2.20	
Thindlu Cross Road										
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	15.00	1.10	1.10	1.10	1.00	16.50	
			1	10.00	1.10	1.10	1.10	1.00	11.00	
	For Culverts									
5	K. Veeranna layout main Road Enterance		1	5.60	1.40	1.40	1.40	1.00	7.84	
6	K. Veeranna layout 'C' Cross Road		1	5.60	1.40	1.40	1.40	1.00	7.84	
7	K. Veeranna layout 'C' Cross Road		1	7.00	1.40	1.40	1.40	1.00	9.80	
8	K. Veeranna layout 'D' Cross Road		1	6.50	1.40	1.40	1.40	1.00	9.10	
	Desilting of Drain									
	BK Layout Cross Road									
	R/S		1	15.00			0.45	0.45	3.04	
			1	15.00			0.45	0.45	3.04	
			1	15.00			0.45	0.45	3.04	
			1	15.00			0.45	0.45	3.04	
			1	15.00			0.45	0.45	3.04	
			1	15.00			0.45	0.45	3.04	

348.05

AE-09

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL NO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
		1	10.60			0.45	0.45	2.15	
	L/S	1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	10.60			0.45	0.45	2.15	
	1st Cross								
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	15.00			0.45	0.45	3.04	
		1	13.00			0.45	0.45	2.63	40.34
Executed Quantity								**716.62**	**Cum**
Quantity carried to summary of 10th RA bill								**716.62**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

Item NO	6	**10th & Part Bill**
Item Name	Providing B S slabs of selected quality roughly dressed having a size of 10cms thick and fixed in cement mortar (1:6) including fixing curing etc, complete as directed by the Engineer in Charge of the work(Excluding GST and Area Leading Charges)(Data Rate)	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			16-Nov-2022						
11)Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No.09 (Vidyaranyapura).									
	BS Slabs								
	BK Layout Cross Road								
	R/S	1	3.20			0.90		2.88	
		1	5.60			0.90		5.04	
		1	5.50			0.90		4.95	
		1	3.60			0.90		3.24	
		1	2.40			0.90		2.16	
		1	6.00			0.90		5.40	
		1	5.40			0.90		4.86	
	L/S	1	4.80			0.90		4.32	
		1	3.60			0.90		3.24	
		1	2.40			0.90		2.16	
		1	6.00			0.90		5.40	
		1	2.40			0.90		2.16	
		1	4.80			0.90		4.32	
	1st Cross								
		1	6.00			0.90		5.40	
		1	5.40			0.90		4.86	
		1	3.60			0.90		3.24	
		1	6.60			0.90		5.94	
		1	5.40			0.90		4.86	
		1	3.60			0.90		3.24	
Executed Quantity								**77.67**	**Sqm**
Quantity carried to summary of 10th RA bill								**77.67**	**Sqm**

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Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub-Division
BBMP, Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Exceecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO 8

Item Name: Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			23-Nov-2022		2-Dec-2022				
11)Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No.09 (Vidyaranyapura)									
	K. Veeranna Layout								
PCC For Drain									
			K. Veeranna Layout 1st 'D' Cross						
E/S			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	11.20	1.10	1.10	0.15	1.85	
W/S									
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	5.50	1.10	1.10	0.15	0.91	
			K. Veeranna Layout 1st 'C' Cross						
E/S			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	10.00	1.10	1.10	0.15	1.65	
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	6.70	1.10	1.10	0.15	1.11	
W/S									
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	10.00	1.10	1.10	0.15	1.65	
			K. Veeranna Layout Main Road						
N/S			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	3.00	1.10	1.10	0.15	0.50	
			1	15.00	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	0.15	2.48	
			1	12.70	1.10	1.10	0.15	2.10	
S/S									59.25

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL NO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	3.00	1.10	1.10	1.10	0.15	0.50	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	12.70	1.10	1.10	1.10	0.15	2.10	
BK Layout Cross Road									
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	2.00	1.10	1.10	1.10	0.15	0.33	
Thindlu Cross Road									
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	10.00	1.10	1.10	1.10	0.15	1.65	
For Culverts									
1	K. Veeranna layout main Road Enterance	1	5.60	1.40	1.40	1.40	0.20	1.57	
2	K. Veeranna layout 'C' Cross Road	1	5.60	1.40	1.40	1.40	0.20	1.57	
3	K. Veeranna layout 'C' Cross Road	1	7.00	1.40	1.40	1.40	0.20	1.96	
4	K. Veeranna layout 'D' Cross Road	1	6.50	1.40	1.40	1.40	0.20	1.82	
Executed Quantity								**100.44**	**Cum**
Quantity carried to summary of 10th RA bill								**100.44**	**Cum**

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Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Exceecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO	9
Item Name	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			26-Nov-2022		5-Dec-2022				
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
K. Veeranna Layout									
Raft Concrete For Drain									
K. Veeranna Layout 1st 'D' Cross									
E/S			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	11.20	1.10	1.10	1.10	0.15	1.85
W/S									
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	5.50	1.10	1.10	1.10	0.15	0.91
K. Veeranna Layout 1st 'C' Cross									
E/S			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	10.00	1.10	1.10	1.10	0.15	1.65
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	6.70	1.10	1.10	1.10	0.15	1.11
W/S			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	10.00	1.10	1.10	1.10	0.15	1.65
K. Veeranna Layout Main Road									
N/S			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	3.00	1.10	1.10	1.10	0.15	0.50
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	12.70	1.10	1.10	1.10	0.15	2.10
S/S			1	15.00	1.10	1.10	1.10	0.15	2.48
			1	15.00	1.10	1.10	1.10	0.15	2.48

64.20

AR-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL NO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
		1	3.00	1.10	1.10	1.10	0.15	0.50	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	12.70	1.10	1.10	1.10	0.15	2.10	
BK Layout Cross Road									
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	2.00	1.10	1.10	1.10	0.15	0.33	
Thindlu Cross Road									
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	15.00	1.10	1.10	1.10	0.15	2.48	
		1	10.00	1.10	1.10	1.10	0.15	1.65	
For Culverts									
1	K. Veeranna layout main Road Enterance	1	5.60	1.30	1.30	1.30	0.20	1.46	
2	K. Veeranna layout 'C' Cross Road	1	5.60	1.30	1.30	1.30	0.20	1.46	
3	K. Veeranna layout 'C' Cross Road	1	7.00	1.30	1.30	1.30	0.20	1.82	
4	K. Veeranna layout 'D' Cross Road	1	6.50	1.30	1.30	1.30	0.20	1.69	
Measurement Recorded On :									
For Drain side Wall									
			K. Veeranna Layout 1st 'D' Cross						
E/S		2	15.00	0.15	0.15	0.15	0.60	2.70	
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	15.00	0.15	0.15	0.15	0.60	2.70	
		2	15.00	0.15	0.15	0.15	0.60	2.70	
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	11.20	0.15	0.15	0.15	0.61	2.05	
W/S									
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	15.00	0.15	0.15	0.15	0.62	2.79	
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	15.00	0.15	0.15	0.15	0.60	2.70	
		2	5.50	0.15	0.15	0.15	0.61	1.01	
			K. Veeranna Layout 1st 'C' Cross						
E/S		2	15.00	0.15	0.15	0.15	0.60	2.70	
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	10.00	0.15	0.15	0.15	0.61	1.83	
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	15.00	0.15	0.15	0.15	0.60	2.70	
		2	6.70	0.15	0.15	0.15	0.61	1.23	
W/S									
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	15.00	0.15	0.15	0.15	0.60	2.70	
		2	10.00	0.15	0.15	0.15	0.61	1.83	
			K. Veeranna Layout Main Road						
N/S		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	15.00	0.15	0.15	0.15	0.61	2.75	
		2	3.00	0.15	0.15	0.15	0.62	0.56	

93.38

AEE-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
			2	15.00	0.15	0.15	0.15	0.62	2.79	
			2	15.00	0.15	0.15	0.15	0.62	2.79	
			2	12.70	0.15	0.15	0.15	0.61	2.32	
S/S										
			2	15.00	0.15	0.15	0.15	0.62	2.79	
			2	15.00	0.15	0.15	0.15	0.61	2.75	
			2	3.00	0.15	0.15	0.15	0.62	0.56	
			2	15.00	0.15	0.15	0.15	0.62	2.79	
			2	15.00	0.15	0.15	0.15	0.61	2.75	
			2	12.70	0.15	0.15	0.15	0.62	2.36	
BK Layout Cross Road										
			2	15.00	0.15	0.15	0.15	0.61	2.75	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.61	2.75	
			2	2.00	0.15	0.15	0.15	0.62	0.37	
Thindlu Cross Road										
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.58	2.61	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.59	2.66	
			2	10.00	0.15	0.15	0.15	0.60	1.80	
	For Culverts									
1	K. Veeranna layout main Road Enterance		2	5.60	0.30	0.30	0.30	0.61	2.05	
2	K. Veeranna layout 'C' Cross Road		2	5.60	0.30	0.30	0.30	0.62	2.08	
3	K. Veeranna layout 'C' Cross Road		2	7.00	0.30	0.30	0.30	0.62	2.60	
4	K. Veeranna layout 'D' Cross Road		2	6.50	0.30	0.30	0.30	0.62	2.42	SK.73
Executed Quantity									**212.32**	**Cum**
Quantity carried to summary of 10th RA bill									**212.32**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement Sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO	10	
Item Name	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	

SL. NO.	CHAINAGE / Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			24-Nov-2022		3-Dec-2022		
	11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).						
	LHS		86.20				
	U bar						
	10mm dia	959	2.20			2109.80	
	0.62kg/m					**1308.08**	Kg
	Distribution bar						
	8mm dia	20	86.15			1723.00	
	0.395kg/m					**680.59**	Kg
	LHS		45.00				
	U bar						
	10mm dia	501	2.20			1102.20	
	0.62kg/m					**683.36**	Kg
	Distribution bar						
	8mm dia	20	44.95			899.00	
	0.395kg/m					**355.11**	Kg
	LHS		35.50				
	U bar						
	10mm dia	395	2.20			869.00	
	0.62kg/m					**538.78**	Kg
	Distribution bar						
	8mm dia	20	35.45			709.00	
	0.395kg/m					**280.06**	Kg
	LHS		40.00				
	U bar						
	10mm dia	445	2.20			979.00	
	0.62kg/m					**606.98**	Kg
	Distribution bar						
	8mm dia	20	39.95			799.00	
	0.395kg/m					**315.61**	Kg
	LHS		36.70				
	U bar						

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL. NO.	CHAINAGE Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
	10mm dia	409	2.20				899.80	
	0.62kg/m						**557.88**	Kg
	Distribution bar							
	8mm dia	20	36.65				733.00	
	0.395kg/m						**289.54**	Kg
	LHS		40.00					
	U bar							
	10mm dia	445	2.20				979.00	
	0.62kg/m						**606.98**	Kg
	Distribution bar							
	8mm dia	20	39.95				799.00	
	0.395kg/m						**315.61**	Kg
	LHS		33.00					
	U bar							
	10mm dia	368	2.20				809.60	
	0.62kg/m						**501.95**	Kg
	Distribution bar							
	8mm dia	20	32.95				659.00	
	0.395kg/m						**260.31**	Kg
	LHS		42.70					
	U bar							
	10mm dia	475	2.20				1045.00	
	0.62kg/m						**647.90**	Kg
	Distribution bar							
	8mm dia	20	42.65				853.00	
	0.395kg/m						**336.94**	Kg
	LHS		33.00					
	U bar							
	10mm dia	368	2.20				809.60	
	0.62kg/m						**501.95**	Kg
	Distribution bar							
	8mm dia	20	32.95				659.00	
	0.395kg/m						**260.31**	Kg
	LHS		42.70					
	U bar							
	10mm dia	475	2.20				1045.00	
	0.62kg/m						**647.90**	Kg
	Distribution bar							
	8mm dia	20	42.65				853.00	
	0.395kg/m						**336.94**	Kg
	LHS		47.00					
	U bar							
	10mm dia	523	2.20				1150.60	
	0.62kg/m						**713.37**	Kg

..AI2-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL. NO.	CHAINAGE Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
	Distribution bar							
	8mm dia	20	46.95				939.00	
	0.395kg/m						**370.91**	Kg
	LHS		85.00					
	U bar							
	10mm dia	945	2.20				2079.00	
	0.62kg/m						**1288.98**	Kg
	Distribution bar							
	8mm dia	20	84.95				1699.00	
	0.395kg/m						**671.11**	Kg
				Culverts				
			24.70					
	U bar							
	16mm dia	275	2.20				605.00	
	1.62kg/m						**980.10**	Kg
	Distribution bar							
	12mm dia	36	24.65				887.40	
	0.895kg/m						**789.79**	Kg
				For Double mat			**3539.77**	
	Executed Quantity						**16616.86**	Kg
	Quantity carried to summary of 10th RA bill						**16.62**	**Tonne**
							16.62	**Tonne**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Divisio
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO	13							
Item Name	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)							
SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				10-Dec-2022		19-Dec-2022		
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).								
K. Veeranna Layout								
Precast Covering Slab For Drain								
K. Veeranna Layout 1st 'D' Cross								
E/S			1	19.80	0.90		17.82	
			1	21.80	0.75		16.35	
			1	11.20	0.75		8.40	
W/S								
			1	15.00	0.90		13.50	
			1	15.00	0.90		13.50	
			1	15.00	0.90		13.50	
			1	15.00	0.75		11.25	
			1	16.20	0.75		12.15	
K. Veeranna Layout 1st 'C' Cross								
E/S			1	7.80	0.90		7.02	
			1	9.60	0.90		8.64	
			1	15.00	0.90		13.50	
			1	15.00	0.90		13.50	
			1	6.70	0.90		6.03	
W/S								
			1	7.80	0.90		7.02	
			1	3.00	0.90		2.70	
			1	11.40	0.90		10.26	1175.14
K. Veeranna Layout Main Road								

AE-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
N/S			8	0.60	0.90		4.32	
			1	13.00	0.75		9.75	
			1	18.50	0.90		16.65	
S/S								
			6	0.60	0.90		3.24	
			1	15.00	0.90		13.50	
			1	15.00	0.90		13.50	
			1	3.30	0.90		2.97	
			1	47.00	0.90		42.30	
			1	15.00	0.75		11.25	
			1	15.00	0.75		11.25	
			1	15.00	0.75		11.25	
			1	15.00	0.75		11.25	
			1	15.00	0.75		11.25	
			1	10.00	0.75		7.50	169.98
Executed Quantity							**345.12**	**Sqm**
Quantity carried to summary of 10th RA bill							**345.12**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO	14							
Item Name	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)							
SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				10-Dec-2022				
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).								
	K. Veeranna Layout							
	230mm Covering Slab For Culvert							
	For Culverts							
1	K. Veeranna layout main Road Enterance		1	5.60	1.20		6.72	
2	K. Veeranna layout 'C' Cross Road		1	5.60	1.20		6.72	
3	K. Veeranna layout 'C' Cross Road		1	7.00	1.20		8.40	
4	K. Veeranna layout 'D' Cross Road		1	6.50	1.20		7.80	
Executed Quantity							**29.64**	**Sqm**
Quantity carried to summary of 10th RA bill							**29.64**	**Sqm**

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Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22 23

Job Code: 009-23-000003

10th & Part Bill

Item NO	30	
Item Name	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) as per specifications as directed by the Engineer in Charge of the work	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			22-Nov-2022		2-Dec-2022				
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
K. Veeranna layout									
				Reff Item No-1 & 4		716.62		**716.62**	
Executed Quantity								**716.62**	**Cum**
Quantity carried to summary of 10th RA bill								**716.62**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO	31
Item Name	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km as per specifications as directed by the Engineer in Charge of the work

SL NO	CHAINAGE	NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark		(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :			22-Nov-2022						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
K. Veeranna layout									
				Reff Item No-1 & 4		716.62	1.28	**917.28**	
Executed Quantity								**917.28**	**T.Km**
Quantity carried to summary of 10th RA bill								**917.28**	**T.Km**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

Item NO	17	10th & Part Bill
Item Name	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification No. 305.4.3	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :			2-Mar-23						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
	K. Veeranna Layout								
	Asphalt Road								
	K. Veeranna Layout								
	1st D Cross								
		1	15.00	4.65	6.00	5.33		79.88	
		1	15.00	6.00	6.20	6.10		91.50	
		1	15.00	6.20	5.90	6.05		90.75	
		1	4.50	6.60	7.20	6.90		31.05	
		1	15.00	6.50	5.85	6.18		92.63	
		1	15.00	5.85	5.95	5.90		88.50	
		1	5.50	5.95	6.00	5.98		32.86	
	1st C Cross								
		1	15.00	4.15	5.40	4.78		71.63	
		1	15.00	5.40	4.90	5.15		77.25	
		1	10.00	4.90	5.50	5.20		52.00	
	Main Road								
		1	15.00	4.85	4.60	4.73		70.88	
		1	15.00	4.60	4.80	4.70		70.50	
		1	15.00	4.80	5.95	5.38		80.63	
		1	15.00	5.95	5.10	5.53		82.88	
		1	15.00	5.10	5.55	5.33		79.88	
		1	9.70	5.55	5.60	5.58		54.08	
Executed Quantity								**1146.87**	**Sqm**
Quantity carried to summary of 10th RA bill								**1146.87**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO 19

Item Name: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			2-Mar-23						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
	K. Veeranna layout								
	Asphalt Road								
			K. Veeranna Layout						
	1st D Cross	1	15.00	4.65	6.00	5.33	0.25	19.97	
		1	15.00	6.00	6.20	6.10	0.25	22.88	
		1	15.00	6.20	5.90	6.05	0.25	22.69	
		1	4.50	6.60	7.20	6.90	0.25	7.76	
		1	15.00	6.50	5.85	6.18	0.25	23.16	
		1	15.00	5.85	5.95	5.90	0.25	22.13	
		1	5.50	5.95	6.00	5.98	0.25	8.22	
	1st C Cross								
		1	15.00	4.15	5.40	4.78	0.25	17.91	
		1	15.00	5.40	4.90	5.15	0.25	19.31	
		1	10.00	4.90	5.50	5.20	0.25	13.00	
	Main Road								
		1	15.00	4.85	4.60	4.73	0.25	17.72	
		1	15.00	4.60	4.80	4.70	0.25	17.63	
		1	15.00	4.80	5.95	5.38	0.25	20.16	
		1	15.00	5.95	5.10	5.53	0.25	20.72	
		1	15.00	5.10	5.55	5.33	0.25	19.97	
		1	9.70	5.55	5.60	5.58	0.25	13.52	
	Executed Quantity							**286.72**	**Cum**
	Quantity carried to summary of 10th RA bill							**286.72**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO 20

Item Name: Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :			4-Mar-23						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
	Asphalt Road								
	K. Veeranna Layout								
	1st D Cross	1	15.00	4.65	6.00	5.33		79.88	
		1	15.00	6.00	6.20	6.10		91.50	
		1	15.00	6.20	5.90	6.05		90.75	
		1	4.50	6.60	7.20	6.90		31.05	
		1	15.00	6.50	5.85	6.18		92.63	
		1	15.00	5.85	5.95	5.90		88.50	
		1	5.50	5.95	6.00	5.98		32.86	
	1st C Cross								
		1	15.00	4.15	5.40	4.78		71.63	
		1	15.00	5.40	4.90	5.15		77.25	
		1	10.00	4.90	5.50	5.20		52.00	
	Main Road								
		1	15.00	4.85	4.60	4.73		70.88	
		1	15.00	4.60	4.80	4.70		70.50	
		1	15.00	4.80	5.95	5.38		80.63	
		1	15.00	5.95	5.10	5.53		82.88	
		1	15.00	5.10	5.55	5.33		79.88	
		1	9.70	5.55	5.60	5.58		54.08	
Executed Quantity								**1146.87**	**Sqm**
Quantity carried to summary of 10th RA bill								**1146.87**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO 21

Item Name: Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :			4-Mar-23						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
	Asphalt Road								
	K. Veeranna Layout								
	1st D Cross	1	15.00	4.65	6.00	5.33	0.05	3.99	
		1	15.00	6.00	6.20	6.10	0.05	4.58	
		1	15.00	6.20	5.90	6.05	0.05	4.54	
		1	4.50	6.60	7.20	6.90	0.05	1.55	
		1	15.00	6.50	5.85	6.18	0.05	4.63	
		1	15.00	5.85	5.95	5.90	0.05	4.43	
		1	5.50	5.95	6.00	5.98	0.05	1.64	
	1st C Cross								
		1	15.00	4.15	5.40	4.78	0.05	3.58	
		1	15.00	5.40	4.90	5.15	0.05	3.86	
		1	10.00	4.90	5.50	5.20	0.05	2.60	
	Main Road								
		1	15.00	4.85	4.60	4.73	0.05	3.54	
		1	15.00	4.60	4.80	4.70	0.05	3.53	
		1	15.00	4.80	5.95	5.38	0.05	4.03	
		1	15.00	5.95	5.10	5.53	0.05	4.14	
		1	15.00	5.10	5.55	5.33	0.05	3.99	
		1	9.70	5.55	5.60	5.58	0.05	2.70	
Executed Quantity								**57.34**	**Cum**
Quantity carried to summary of 10th RA bill								**57.34**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.084
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO	22
Item Name	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :			6-Mar-23						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
	Asphalt Road								
			K. Veeranna Layout						
	1st D Cross	1	15.00	4.65	6.00	5.33		79.88	
		1	15.00	6.00	6.20	6.10		91.50	
		1	15.00	6.20	5.90	6.05		90.75	
		1	4.50	6.60	7.20	6.90		31.05	
		1	15.00	6.50	5.85	6.18		92.63	
		1	15.00	5.85	5.95	5.90		88.50	
		1	5.50	5.95	6.00	5.98		32.86	
	1st C Cross								
		1	15.00	4.15	5.40	4.78		71.63	
		1	15.00	5.40	4.90	5.15		77.25	
		1	10.00	4.90	5.50	5.20		52.00	
	Main Road								
		1	15.00	4.85	4.60	4.73		70.88	
		1	15.00	4.60	4.80	4.70		70.50	
		1	15.00	4.80	5.95	5.38		80.63	
		1	15.00	5.95	5.10	5.53		82.88	
		1	15.00	5.10	5.55	5.33		79.88	
		1	9.70	5.55	5.60	5.58		54.08	
	Executed Quantity							**1146.87**	**Sqm**
	Quantity carried to summary of 10th RA bill							**1146.87**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

Item NO	25	**10th & Part Bill**
Item Name	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately MORTH Specification No. 202	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			20-Feb-23						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
	Virupakshapura								
	CC Road								
				BK Layout					
			1	15.00	5.10	5.30	5.20	0.25	19.50	
			1	15.00	5.30	5.50	5.40	0.25	20.25	
			1	15.00	5.50	5.30	5.40	0.25	20.25	
			1	15.00	5.30	5.20	5.25	0.25	19.69	
			1	15.00	5.20	5.30	5.25	0.25	19.69	
			1	8.00	5.30	7.45	6.38	0.25	12.75	
	Deductions									
	Chambers		-2	1.00			0.70	0.25	-0.35	
	Manholes		-3	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64			0.25	-0.48	
Executed Quantity									**111.30**	**Cum**
Quantity carried to summary of 10th RA bill									**111.30**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO 26

Item Name: Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			25-Feb-23						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
	Virupakshapura								
	CC Road								
		BK Layout							
		1	15.00	5.10	5.30	5.20	0.15	11.70	
		1	15.00	5.30	5.50	5.40	0.15	12.15	
		1	15.00	5.50	5.30	5.40	0.15	12.15	
		1	15.00	5.30	5.20	5.25	0.15	11.81	
		1	15.00	5.20	5.30	5.25	0.15	11.81	
		1	8.00	5.30	7.45	6.38	0.15	7.65	
	Deductions								
	Chambers	-2	1.00			0.70	0.15	-0.21	
	Manholes	-3	0.64	= (3.142*0.9*0.9)/4 = 0.64			0.15	-0.29	
	Executed Quantity							**66.78**	**Cum**
	Quantity carried to summary of 10th RA bill							**66.78**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Exceecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
Workorder No: BBMP/EE/BTP/WO/76/22-23
Job Code: 009-23-000003

10th & Part Bill

Item NO	27
Item Name	Providing and constructing un reinforced plain cement concrete pavement, thickness as per design over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2.M.30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel) laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing) spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14 days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 as per the directions of the Engineer-in-charge of the work.

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :					28-Feb-23				
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).									
	Virupakshapura								
	CC Road								
	BK Layout								
		1	15.00	5.10	5.30	5.20	0.15	11.70	
		1	15.00	5.30	5.50	5.40	0.15	12.15	
		1	15.00	5.50	5.30	5.40	0.15	12.15	
		1	15.00	5.30	5.20	5.25	0.15	11.81	
		1	15.00	5.20	5.30	5.25	0.15	11.81	
		1	8.00	5.30	7.45	6.38	0.15	7.65	
	Deductions								
	Chambers	-2	1.00			0.70	0.15	-0.21	
	Manholes	-3	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64			0.15	-0.29	
Executed Quantity								**66.78**	**Cum**
Quantity carried to summary of 10th RA bill								**66.78**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

Item NO	28	**10th & Part Bill**
Item Name	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm. wide at top having depth of 15 mm. as directed by Engineer incharge. MORTH Specification No. 602.6.3	

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				1-Mar-23						
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).										
	Virupakshapura									
	CC Road									
	Vertical Cutting									
				BK Layout						
				1	5.30				5.30	
				1	5.20				5.20	
				1	5.30				5.30	
				1	5.50				5.50	
				1	5.50				5.50	
				1	5.30				5.30	
				1	5.30				5.30	
				1	5.30				5.30	
Executed Quantity									**42.70**	**M**
Quantity carried to summary of 10th RA bill									**42.70**	**M**

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Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

10th & Part Bill

Item NO	29									
Item Name	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8mm.wide) MORTH Specification No. 602.6.3									
SL NO	**CHAINAGE Land mark**	**NO**	**Length (m)**	**Breadth B1(m)**	**Breadth B2(m)**	**Avg Breadth**	**Depth (m)**	**Qty**	**Remarks**	
Measurement Recorded On :			1-Mar-23							
11) Improvements to Roads and Drains at Thindlu and Surrounding area in Ward No. 09 (Vidyaranyapura).										
	Virupakshapura									
	CC Road									
	Vertical Cutting									
			BK Layout							
			1	5.30				5.30		
			1	5.20				5.20		
			1	5.30				5.30		
			1	5.50				5.50		
			1	5.50				5.50		
			1	5.30				5.30		
			1	5.30				5.30		
			1	5.30				5.30		
Executed Quantity								**42.70**	**M**	
Quantity carried to summary of 10th RA bill								**42.70**	**M**	

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Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97